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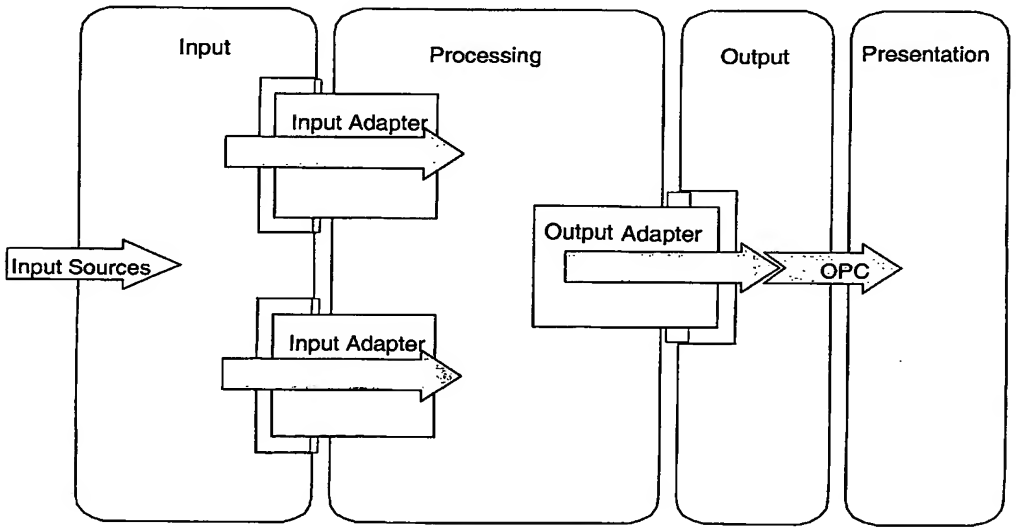
(54) Title: NETWORK SECURITY SYSTEM



(57) Abstract: The inventive IT Security System for intrusion detection in a private network, which is connected to a public network, comprises a processing system, a supervisory system and an interface system. The processing system detects intrusion or unwanted access of resources on a private network and alerts in case of a detected intrusion or unwanted access of resources by creating quantitative alert data. The supervisory system automatically processes the alerts or presents the alerts to a security system operator. The interface system transfers the alerts from the processing system to the supervisory system. Available data about network activity can thus be presented to the operator in an intuitive and non-technical manner. If the operator suspects the security of the network to be compromised he can safely isolate the private network from the outside world, as simple reaction to any threat endangering the private network environment.

WO 2005/057382 A1

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